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# Office Memorandum • UNITED STATES GOVERNMENT

O&amp;T 58-804

DATE: 03 JUL 1958

TO : Chief, Engineering Division, OC  
ATTN : R&D/IP

FROM : Chief, Operations and Training Division, OC

SUBJECT: CV-2A, TA-1A Frequency Range Extension

1. It is requested that the IP Laboratory investigate the feasibility of increasing the upper frequency limit of both the subject equipments. A converter covering the range of 12-30 mc/s would be acceptable packaged in a separate container the same size as the CV-2A. If at all possible the extended frequency range transmitter adaptor should be packaged in the same unit as the present TA-1A. Coil changing would be an operationally acceptable method of achieving the frequency extension. The extended range unit should have the same mode capability as the lower range unit; i.e. A1 and A3. Ideally, the upper range TA-1A section would accept the modulator unit developed by IP for the lower range section.

2. If the frequency extension is feasible for either or both units, four each prototypes should be built for OC-E and OC-O&T evaluations.

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